

Abstract

A vaporizer heating apparatus is comprised of electromagnetically responsive material and electrically non-conductive material. A antimicrobial fluid to be vaporized, such as water or hydrogen peroxide solution, is supplied to the heating apparatus where it is converted to a vapor. In one embodiment of the present invention, electromagnetically responsive material particulate is embedded into the electrically non-conductive material. In another embodiment of the present invention, a microwave generator is used to produce heat.